

Objective: The primary objective of this course is to provide students with hands-on exercises of the different features of Autodesk Moldflow Insight Standard which were not covered in the Autodesk Moldflow Insight Fundamentals course.

Level:
Intermediate

Duration: 2 days
(16 hrs.)

Who Should Attend: This course is designed for any intermediate Autodesk Moldflow Insight user.

Pre-requisites: Before attending this course, students must attend the course titled Autodesk Moldflow Insight Fundamentals.

Autodesk® Moldflow® Insight Advanced Flow

Autodesk® Official Training

Course Description

In this course, students learn about the more complex analysis types available in Autodesk Moldflow Insight that were not covered in the Autodesk Moldflow Insight – Fundamentals course.

Course Outline - Autodesk Moldflow Insight Advanced Flow

- **Database Management:** Discusses how to create personal databases of all types and how to use them
- **Family Tools:** Discusses how to analyze family tools including finding processing conditions, adding studies together and balance the runners
- **Multiple Gates:** Discusses the types of multiple gate problems that occur and how to analyze them. Also discusses clamp tonnage and how to work within the limits of the molding machine
- **Packing Optimization:** Discusses the procedure for reducing the variation of volumetric shrinkage on a part
- **Part Insert Overmolding:** Discusses definitions and capabilities with regards to running a flow analysis with part inserts
- **Two-Shot Sequential Overmolding:** Discusses capabilities of two-shot sequential overmolding, setting up the analysis, running the analysis and reviewing results
- **Design of Experiments (DOE) Analysis:** Discusses the theory of DOE & how to setup an analysis and how to interpret the results
- **Projects:** Practice what you have learned with different models presented with diverse problems



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